

## REMARKS

Applicants submit this response in response to the Requirement for Restriction and Election of Species mailed on October 9, 2009.

## I. Requirement for Restriction

The Examiner has determined that the application contains the following two inventions.

I. Invention Group I - claims 96, 97, and 99-122 - drawn to a method comprising the special technical feature of immobilizing a target molecule, and

II. Invention Group II - claim 98 - drawn to a method comprising the special technical feature of interacting a biological sample with a plurality of transistors.

Applicants elect for current prosecution the claims of Invention Group I, claims 96, 97, and 99-122, drawn to a method for detecting a target in a sample. Claim 98 is hereby withdrawn as not being elected for present prosecution.

## II. Election of Species

The Examiner has required the following election of species pertaining to the invention Group I.

Group A - claims 100 and 101 - direct or indirect binding to the target.

Applicants elect claim 100. Claim 96 is generic.

Group B - claims 103 and 104 - direct or indirect immobilization of the affinity binding molecule. Applicants elect claim 103. Claims 96 and 102 are generic.

Group C - claims 106 to 108 - affinity binding molecule comprises a protein, an antibody, or a nucleic acid. Applicants elect claim 108. Claims 96 and 105 are generic.

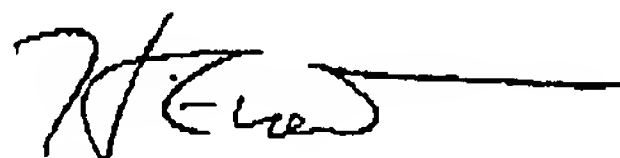
Group D - claims 110 and 111 - spacer molecule is polymeric or non-polymeric. Applicants elect claim 111. Claims 96, 99, and 109 are generic.

Group E - claims 112 to 116 - type of signal molecule. Applicants elect claim 112 which calls for an RNA and notes that claim 115 likewise calls for an RNA. Therefore, the Examiner is respectfully requested to examine both claims 112 and 115 within the same election of species. Claim 96 is generic.

#### Conclusion

Applicant submits that the claims of Invention Group I are in condition for allowance and request an early notice to that effect.

Respectfully submitted,




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#### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office at (571) 273-8300 or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Box 1450, Alexandria, VA 22313-1450 on October 22, 2009.

Dated: October 22, 2009

  
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